

Work Order ID 148039

148039

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Thursday, March 09, 2017 3:59:52 PM

Item ID: D412-742-011 Accept *N900040100* Setup Start *NS1*
 Revision ID: URF 16-572 Stop *NS2*
 Item Name: Skidtube Fits LH or RH High Gear, DART (Apical) & OEM Cylin. Float Compatible
 Start Date: 6/21/2016 Start Qty: 1.00 *1* Cust Item ID:
 Required Date: 7/7/2016 Req'd Qty: 1.00 *1* Customer:
 Reference: REWORK PER ECN16-516

Approvals: Process Plan: mf Date: 17-3-9 Tooling: _____ Date: _____ Run Start *NR1*
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr	Revision Nbr
IIN-D412-742	E

150 105 0.00

150

QC Memo 0.00

Quality Control PULL FROM STOCK D412-742-011 X 1 B87615

SCRAP TUBE (TOO \$ TO REWORK)

RETURN HARDWARE AND SALVAGABLE PARTS TO STOCK UNDER mf 17-3-9

ORIGINAL BATCH NUMBER

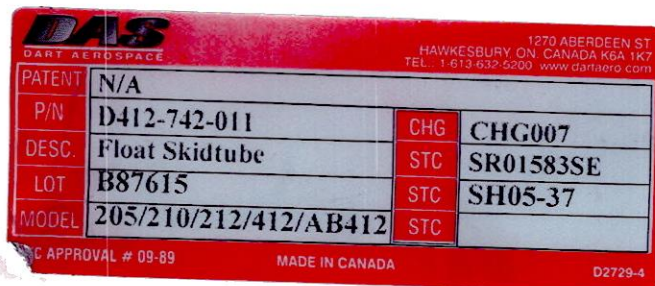
SEE ATTACHED PARTS LIST

160 115 0.00

115

HandFinish Memo 0.00

Hand Finishing DISSASSEMBLE AND SCRAP TUBE AND WEARPLATES



115 17/03/15
mgg 17/03/15

Work Order ID 148039***148039***

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Item ID: D412-742-011 Accept ***N900040100*** Setup Start ***NS1***
Revision ID: URF 16-572 Stop ***NS2***
Item Name: Skidtube Fits LH or RH High Gear, DART (Apical) & OEM Cylin. Float Compatible
Start Date: 6/21/2016 Start Qty: 1.00 ***1*** Cust Item ID:
Required Date: 7/7/2016 Req'd Qty: 1.00 ***1*** Customer:
Reference: REWORK PER ECN16-516

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
170	QC21- Final Inspection - Work Order Release	0.00							
170									
QC	Memo	0.00							
Quality Control									

DAS
21
9-89

MAR 16 2017

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Thursday, March 09, 2017 3:59:51 PM

Work Order ID: 148039

148039

Parent Item: D412-742-011

D412-742-011

Parent Item Name: Skidtube Fits LH or RH High Gear, DART (Apical) & OEM Cylin. Float Compatible

Start Date: 6/21/2016

Required Date: 7/7/2016

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP Rev: A05.10.13New IssueKJ/JLM
IPP Rev:B 06-06-08 As per DSI9336 JLM
IPP Rev:C 07-05-28 As per Rev C JLM
IPP rev D 07.11.01 ecn 1053P EC
IPP rev E 07.11.27 ecn 1072 EC verified by:DD
IPP Rev:F 08-09-08 ecn 08-510 DD verified by:EC
IPP Rev:G 09-01-23 as per DSI9441 DD verified by:EC IPP Rev:H
11.11.01 as per DSI9517 REV.B DD verified by:EC IPP rev:I 12.01.12
PER IIN REV.E DD VERF:

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

AN3C37A

Purchased

No

Each

250.0000

-3

AN3C37A******

BOLT

LocationLoc QtyLoc Code

OVER002

210

M132381

70

M135718

70

M136658

70

ST347

40

122204

3

124131

3

M131856

4

M132169

30

mf 17-3-09

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Work Order ID: 148039

148039

Parent Item: D412-742-011

D412-742-011

Parent Item Name: Skidtube Fits LH or RH High Gear, DART (Apical) & OEM Cylin. Float Compatible

Start Date: 6/21/2016

Required Date: 7/7/2016

AN3C40A

Purchased

No

Each

22.0000

Start Qty: 1.00

-2

Required Qty: 1.00

AN3C40A

Bolt

**

Location

Loc Qty

Loc Code

FG

5

11442

5

OVER002

8

m136602

8

ST347

9

122843

4

m134627

5

MF 17-3-9

AN3C41A

Purchased

No

Each

297.0000

-3

AN3C41A

Bolt

**

Location

Loc Qty

Loc Code

FG

10

122843

5

124975

1

m130081

4

OVER002

225

m132522

75

m135718

75

m136658

75

ST347

62

122843

3

124975

3

m132169

3

m132381

53

MF 17-3-9

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Work Order ID: 148039

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Parent Item: D412-742-011

D412-742-011

Parent Item Name: Skidtube Fits LH or RH High Gear, DART (Apical) & OEM Cylin. Float Compatible

Start Date: 6/21/2016

Required Date: 7/7/2016

AN3C42A

Purchased

No

Each

44.0000

Start Qty: 1.00

-3

Required Qty: 1.00

AN3C42A

**

Bolt

Location

Loc Qty

Loc Code

FG

5

121103

5

ST338a

3

m130485

3

ST346

6

122241

3

123930

3

ST347

30

m133920

10

m134131

10

m134133

10

MF 17-3-A

AN3C43A

Purchased

No

Each

49.0000

-3

AN3C43A

**

Bolt

Location

Loc Qty

Loc Code

FG

10

120465

10

OVER002

12

m136866

12

ST346

12

122843

3

123930

3

m135603

6

ST347

15

m136295

15

MF 17-3-A

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Work Order ID: 148039

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Parent Item: D412-742-011

D412-742-011

Parent Item Name: Skidtube Fits LH or RH High Gear, DART (Apical) & OEM Cylin. Float Compatible

Start Date: 6/21/2016

Required Date: 7/7/2016

AN3C44A Purchased No Each 26.0000 Start Qty: 1.00 Required Qty: 1.00
-9

AN3C44A

Bolt

**

Location Loc Qty Loc Code

FG 8

110848 8

ST346 18

122843 18

Each 25.0000

MF 17-3-9

-10

**

AN3C47A

Purchased No

AN3C47A

Bolt

Location Loc Qty Loc Code

FG 2

116874 2

ST346 23

123116 20

125389 3

Each 41.0000

MF 17-3-9

-4

**

AN4C47A

Purchased No

AN4C47A

Bolt

Location Loc Qty Loc Code

FG 10

122491 10

ST341 31

122843 4

124131 4

m136269 7

m136549 16

MF 17-3-9

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Work Order ID: 148039

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Parent Item: D412-742-011

D412-742-011

Parent Item Name: Skidtube Fits LH or RH High Gear, DART (Apical) & OEM Cylin. Float Compatible

Start Date: 6/21/2016

Required Date: 7/7/2016

AN4C52A

Purchased

No

Each

66.0000

Start Qty: 1.00

-4

Required Qty: 1.00

AN4C52A

**

Bolt

Location

Loc Qty

Loc Code

FG

5

122518

5

OVER002

43

m135723

43

ST340

18

120754

1

122843

4

123598

3

m135646

10

MF 17-3-9

AN4C53A

Purchased

No

Each

42.0000

-4

AN4C53A

**

BOLT

Location

Loc Qty

Loc Code

ST340

42

122193

4

124132

4

m136215

34

MF 17-3-9

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Work Order ID: 148039

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Parent Item: D412-742-011

D412-742-011

Parent Item Name: Skidtube Fits LH or RH High Gear, DART (Apical) & OEM Cylin. Float Compatible

Start Date: 6/21/2016

Required Date: 7/7/2016

AN4C6A

Purchased

No

Each

Start Qty: 1.00
393.0000

-16

Required Qty: 1.00

AN4C6A

**

Bolt

Location

Loc Qty

Loc Code

FG
103344
121657
OVER002
m136318
ST345
122800
123900
m136047

14
4
10
128
128
251
16
16
219

MF 17-3-9.

AN4C7A

Purchased

No

Each

82.0000

-4

AN4C7A

**

BOLT

Location

Loc Qty

Loc Code

OVER002
m136295
ST345
109147
123900
m135864

54
54
28
4
4
20

MF 17-3-9

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Work Order ID: 148039

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Parent Item: D412-742-011

D412-742-011

Parent Item Name: Skidtube Fits LH or RH High Gear, DART (Apical) & OEM Cylin. Float Compatible

Start Date: 6/21/2016

Required Date: 7/7/2016

AN6C12A

Purchased

No

Each

96.0000

Start Qty: 1.00

-8

Required Qty: 1.00

AN6C12A

Bolt

**

Location

Loc Qty

Loc Code

over005

50

M136263

25

M136838

25

ST335

46

122808

8

124561

8

M135671

30

MF 17-3-9

D2571

Manufactured

No

Each

14.0000

-1

D2571

Saddle, Fwd, Out

**

Location

Loc Qty

Loc Code

ST397

14

153726

4

155486

8

89090

1

99202

1

MF 17-3-9

D2572

Manufactured

No

Each

12.0000

-1

D2572

Saddle, Fwd, In

**

Location

Loc Qty

Loc Code

ST397

12

153799

2

155591

8

91372

1

98622

1

MF 17-3-9

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Work Order ID: 148039

148039

Parent Item: D412-742-011

D412-742-011

Parent Item Name: Skidtube Fits LH or RH High Gear, DART (Apical) & OEM Cylin. Float Compatible

Start Date: 6/21/2016

Required Date: 7/7/2016

D2573

Manufactured No

Each

13.0000

Start Qty: 1.00

-1

Required Qty: 1.00

D2573

Saddle, Aft, Out

**

Location

Loc Qty

Loc Code

ST398

10

155638

8

90213

1

99396

1

ST498

3

153833

3

MF 17-3-9.

D2574

Manufactured No

Each

8.0000

-1

D2574

Saddle, Aft, In

**

Location

Loc Qty

Loc Code

ST498

8

156032

6

89900

1

98612

1

MF 17-3-9.

D2747

Manufactured No

Each

176.0000

-4

D2747

Set Screw

**

Location

Loc Qty

Loc Code

ST010

176

152598

18

154433

50

157262

100

86827

4

97968

4

MF 17-3-9

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Work Order ID: 148039

148039

Parent Item: D412-742-011

D412-742-011

Parent Item Name: Skidtube Fits LH or RH High Gear, DART (Apical) & OEM Cylin. Float Compatible

Start Date: 6/21/2016

Required Date: 7/7/2016

D2876

Manufactured No

Each

53.0000

Start Qty: 1.00

-2

Required Qty: 1.00

D2876

Saddle Spacer

**

Location

Loc Qty

Loc Code

ST013

31

153988

11

154778

16

88282

2

92502

2

ST025A

22

156220

22

MF 17-3-9.

D2877

Manufactured No

Each

50.0000

-2

D2877

Saddle Spacer

**

Location

Loc Qty

Loc Code

ST013

30

145949

2

154007

8

154785

16

86890

2

92548

2

ST025A

20

156280

20

MF 17-3-9

Picklist Print

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Work Order ID: 148039

148039

Parent Item: D412-742-011

D412-742-011

Parent Item Name: Skidtube Fits LH or RH High Gear, DART (Apical) & OEM Cylin. Float Compatible

Start Date: 6/21/2016

Required Date: 7/7/2016

D3403-1

Manufactured No

Each

Start Qty: 1.00
110.0000 -8

Required Qty: 1.00

D3403-1

**

Bushing

Location

Loc Qty

Loc Code

ST033

110

149200

11

153760

36

156213

47

86717

8

88782

8

Each 74.0000

-8

MF 17-3-9

D3403-3

Manufactured No

D3403-3

**

Bushing

Location

Loc Qty

Loc Code

ST033

74

149274

18

154827

40

86943

8

88783

8

Each 38.0000

-8

MF 17-3-9

D3403-5

Manufactured No

D3403-5

**

Bushing

Location

Loc Qty

Loc Code

ST034

38

149249

22

86832

8

88784

8

MF 17-3-9

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Work Order ID: 148039

148039

Parent Item: D412-742-011

D412-742-011

Parent Item Name: Skidtube Fits LH or RH High Gear, DART (Apical) & OEM Cylin. Float Compatible

Start Date: 6/21/2016

Required Date: 7/7/2016

D3405-041

Manufactured No

Each

16.0000

Start Qty: 1.00

Required Qty: 1.00

-1

D3405-041

Ground Handling Lug

**

Location

Loc Qty

Loc Code

st529

16

151325

6

155541

8

89218

1

98372

1

MF 17-39

D3405-043

Manufactured No

Each

19.0000

-1

D3405-043

Ground Handling Lug

**

Location

Loc Qty

Loc Code

st529

19

150832

7

151326

10

90052

1

94611

1

MF 17-39

D3407-041

Manufactured No

Each

22.0000

-1

D3407-041

Tow Ring

**

Location

Loc Qty

Loc Code

st530

22

153698

5

155492

15

78878

1

88212

1

MF 17-39

Picklist Print

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Work Order ID: 148039

148039

Parent Item: D412-742-011

D412-742-011

Parent Item Name: Skidtube Fits LH or RH High Gear, DART (Apical) & OEM Cylin. Float Compatible

Start Date: 6/21/2016

Required Date: 7/7/2016

D3417-3

Manufactured No

Each

26.0000

Start Qty: 1.00

-2

Required Qty: 1.00

D3417-3

**

Washer

Location

Loc Qty

Loc Code

FG

7

33519

7

ST034

19

149290

15

86735

3

93758

1

D3533-1

Manufactured No

Each

81.0000

-2

D3533-1

**

Set Screw

Location

Loc Qty

Loc Code

ST040

50

156724

50

ST041

31

152597

27

87348

2

88328

2

D412-742-011

Manufactured No

Each

0.0000

1

D412-742-011

**

Skidtube Fits LH or RH High Gear, DART (Apical) & OEM Cylin. Float Compatible

D412-742-015

Manufactured No

Each

2.0000

-1

D412-742-015

**

Electric Step

Location

Loc Qty

Loc Code

FG121

2

87638

2

MF 17-3-9.

1 x.

87615 MF 17-3-9

MF 17-3-9

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List Lots

Page 1 of 1

Tuesday, June 21, 2016 3:32:55 PM

Criteria : Item ID: d412-742-011 All Locations All Warehouses All Quantity

Item ID Item Name	Warehouse ID Location ID	Lot Number	Last Trans Date	Lot Qty	Shelf Life Dt	Lot Code	Type Code	Comments
D412-742-011 Skidtube Fits LH or RH High Gear, DART (Apical) & OEM Cylin. Float Compatible	Main Warehouse FG073	87615	6/21/2016	1.0000		QC21	CHG007	
	Main Warehouse FG073	91946	6/21/2016	1.0000		QC21	CHG007	
Total:				2.0000				

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : _____					

LOT TRACKING !!

Reason	Parent Item ID	Lot Qty	Lot Nbr	Lot Trans Date	Avg Cost Amt	Last Cost Amt
87615	AN3C37A	-3	122204	11/13/2012 9:29:14 AM	\$5.93	\$6.00
87615	AN3C40A	-2	122843	11/13/2012 9:50:16 AM	\$13.52	\$18.00
87615	AN3C41A	-3	122843	11/13/2012 9:50:16 AM	\$14.72	\$14.50
87615	AN3C42A	-3	122241	11/13/2012 9:50:16 AM	\$9.52	\$9.50
87615	AN3C43A	-3	122843	11/13/2012 9:50:16 AM	\$3.95	\$3.83
87615	AN3C44A	-9	122843	11/13/2012 9:50:16 AM	\$3.65	\$2.85
87615	AN3C47A	-10	123116	11/13/2012 9:50:16 AM	\$42.33	\$45.00
87615	AN4C47A	-4	122843	11/13/2012 9:29:14 AM	\$16.50	\$16.50
87615	AN4C52A	-4	122843	11/13/2012 9:29:16 AM	\$15.17	\$14.95
87615	AN4C53A	-4	122193	11/13/2012 9:29:16 AM	\$16.75	\$16.75
87615	AN4C6A	-16	122800	11/13/2012 9:29:16 AM	\$0.50	\$0.50
87615	AN4C7A	-4	109147	11/13/2012 9:29:15 AM	\$0.38	\$0.37
87615	AN6C12A	-8	122808	11/13/2012 9:29:16 AM	\$1.88	\$1.88
87615	D2571	-1	89090	11/13/2012 9:29:18 AM	\$211.70	\$201.90
87615	D2572	-1	91372	11/13/2012 9:29:18 AM	\$180.84	\$181.97
87615	D2573	-1	90213	11/13/2012 9:29:17 AM	\$207.28	\$210.18
87615	D2574	-1	89900	11/13/2012 9:29:17 AM	\$185.11	\$188.70
87615	D2747	-4	86827	11/13/2012 9:29:17 AM	\$0.66	\$0.66
87615	D2876	-2	88282	11/13/2012 9:29:17 AM	\$3.53	\$4.97
87615	D2877	-2	86890	11/13/2012 9:29:17 AM	\$5.82	\$5.29
87615	D3403-1	-8	88782	11/13/2012 9:29:17 AM	\$15.91	\$19.66
87615	D3403-3	-8	88783	11/13/2012 9:29:15 AM	\$9.18	\$11.16
87615	D3403-5	-8	86832	11/13/2012 9:29:17 AM	\$8.74	\$9.33
87615	D3405-041	-1	89218	11/13/2012 9:29:15 AM	\$106.94	\$109.81
87615	D3405-043	-1	90052	11/13/2012 9:29:15 AM	\$89.55	\$85.15
87615	D3407-041	-1	88212	11/13/2012 9:29:18 AM	\$92.47	\$95.29
87615	D3417-3	-2	86735	11/13/2012 9:29:18 AM	\$5.73	\$7.58
87615	D3456-1	-1	85223	11/13/2012 9:29:14 AM	\$0.24	\$0.25
87615	D3533-1	-2	87348	11/13/2012 9:29:16 AM	\$0.23	\$0.23
87615	D3591-1	-2	92873	11/13/2012 9:29:15 AM	\$11.93	\$18.83
87615	D3672-11	-8	77483	11/13/2012 9:29:15 AM	\$0.28	\$0.28
87615	D3672-3	-32	86517	11/28/2012 1:27:56 PM	\$0.26	\$0.25
87615	D3672-9	-8	81763	11/13/2012 9:29:16 AM	\$0.30	\$0.32
87615	D412-742-015	-1	87638	11/13/2012 9:29:18 AM	\$12.01	\$14.33
87615	D412-742-041	-1	91880	11/28/2012 1:26:50 PM	\$5,063.35	\$5,063.35
87615	MS21043-3	-33	123525	11/13/2012 9:50:15 AM	\$0.30	\$0.30
87615	MS21043-4	-29	122141	11/13/2012 9:29:15 AM	\$0.42	\$0.42
87615	NAS1149C0332R	-66	123355	11/13/2012 9:50:16 AM	\$0.02	\$0.02
87615	NAS1149C0432R	-32	121255	11/13/2012 9:29:16 AM	\$0.02	\$0.02
87615	NAS1149C0632R	-8	121825	11/13/2012 9:29:15 AM	\$0.15	\$0.15